

Title (en)
COATED POWDER, COATING COMPOSITION, AND COATED ARTICLE

Title (de)
BELEGTES PULVER, BESCHICHTUNGSGEZUSAMMENSETZUNG SOWIE BESCHICHTETER GEGENSTAND

Title (fr)
POUDRE ENROBEE, COMPOSITION DE REVETEMENT ET ARTICLES REVETUS

Publication
EP 1484365 A4 20120704 (EN)

Application
EP 02705198 A 20020314

Priority
JP 0202434 W 20020314

Abstract (en)
[origin: EP1484365A1] Provided are film-coated powders, coating compositions and coated materials that give off vivid and deep colors. The film-coated powders have a coating film on the surface of substrate particles, and has spectrophotometric characteristic in that, when the ratio of the length at 400 nm between 380 and 780 nm on measuring the reflection spectrum from the vertical reflection light of the film-coated powder (wavelength definition width L) to the height of the reflectance 100 % in the vertical axis (reflectance definition width R), L/R is 5/2, then the ratio of the peak height (H) to the half-value width (W), H/W is at least 1.

IPC 8 full level
C09C 3/06 (2006.01); **C09C 1/00** (2006.01); **C09C 1/64** (2006.01); **C09D 5/36** (2006.01); **C09D 7/62** (2018.01); **C09D 201/00** (2006.01)

CPC (source: EP KR US)
C09C 1/0024 (2013.01 - EP US); **C09C 1/0051** (2013.01 - EP US); **C09C 1/642** (2013.01 - EP US); **C09C 3/06** (2013.01 - EP KR US); **C09C 3/063** (2013.01 - EP US); **C09D 5/36** (2013.01 - EP US); **C09D 7/62** (2017.12 - EP US); **C09D 201/00** (2013.01 - EP US); **C01P 2002/84** (2013.01 - EP US); **C01P 2004/20** (2013.01 - EP US); **C01P 2004/32** (2013.01 - EP US); **C08K 3/08** (2013.01 - EP US); **C08K 9/02** (2013.01 - EP US); **C09C 2200/1054** (2013.01 - EP US); **C09C 2200/24** (2013.01 - EP US); **C09C 2200/302** (2013.01 - EP US); **C09C 2200/303** (2013.01 - EP US); **Y10T 428/2991** (2015.01 - EP US)

Citation (search report)
• [XD] JP 2001271006 A 20011002 - NITTETSU MINING CO LTD, et al
• [X] EP 0852977 A1 19980715 - NAKATSUKA KATSUTO [JP], et al
• [E] JP 2002080749 A 20020319 - NITTETSU MINING CO LTD, et al & WO 9628269 A1 19960919 - NITTETSU MINING CO LTD [JP], et al
• See references of WO 03076526A1

Cited by
EP2152821A4; US10350933B2; JP2010529237A

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